

In re Appln. No. 10/525,838
Amdt. dated October 21, 2005

IN THE SEQUENCE LISTING

Please substitute the attached Sequence Listing
section for the originally filed Sequence Listing.



SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> CXCR4 Antagonist And Its Use

<130> B03181

<140> JP 2002-247843

<141> 2002-08-27

<160> 68

<170> PatentIn version 3.3

<210> 1

<211> 14

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, or is deleted.

<220>

<221> MISC_FEATURE

<222> (1)..(14)

<223> L-amino acid or D-amino acid

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, Xaa is Arg or Glu, and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa is an aromatic amino acid residue.

<220>

<221> MISC_FEATURE

<222> (4)..(13)

<223> Cys at 4-position and Cys at 13-position may be linked by disulfid bond.

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

```

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or
Glu.

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (14)..(14)
<223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
the C-terminal.

<400> 1

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
1 5 10

<210> 2
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Glu which may be derived at the N-terminal, or is
deleted.

```

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Glu which may be derived at the N-terminal, Xaa is Arg or Glu, and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be derived at the N-terminal.

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or Glu.

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

<220>
 <221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
 the C-terminal.

<400> 2

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 3
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
 may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or
 Glu which may be derived at the N-terminal, Xaa is Glu, and when
 Xaa of (1) is deleted, Xaa is Glu which may be derived at the

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by
 disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>

```

<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or
Glu.

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is citrulline, Glu, Arg or Lys.

<220>
<221> MISC_FEATURE
<222> (14)..(14)
<223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
the C-terminal.

<400> 3

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
1 5 10

<210> 4
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
may be derived at the N-terminal, or is deleted.

<220>

```

<221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, Xaa is Arg or Glu, and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Glu.

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or Glu.

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

<220>
 <221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
 the C-terminal.

<400> 4

Xaa	Xaa	Xaa	Cys	Tyr	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Xaa	Cys	Xaa
1				5					10				

<210> 5
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
 may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or
 Glu which may be derived at the N-terminal, Xaa is Arg or Glu,
 and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by
 disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE


```

<222> (7)..(7)
<223> Xaa is Arg or Glu.

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or
Glu.

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
<221> MISC_FEATURE
<222> (10)..(10)
<223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is citrulline, Glu, Arg or Lys.

<220>
<221> MISC_FEATURE
<222> (14)..(14)
<223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
the C-terminal.

<400> 5

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
1 5 10

<210> 6
<211> 14
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
may be derived at the N-terminal, or is deleted.

<220>
<221> MISC_FEATURE

```

<222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, Xaa is Arg or Glu, and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Glu.

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

<220>

<221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
 the C-terminal.

<400> 6

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 7
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
 may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or
 Glu which may be derived at the N-terminal, Xaa is Arg or Glu,
 and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by
 disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)

<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or Glu.

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Glu.

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

<220>
 <221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at the C-terminal.

<400> 7

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 8
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)

<223> L-amino acid or D-amino acid

 <220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or
 Glu which may be derived at the N-terminal, Xaa is Arg or Glu,
 and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

 <220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

 <220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by
 disulfid bond.

 <220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or
 Glu.

 <220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

 <220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Glu.

 <220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

 <220>

<221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at
 the C-terminal.

<400> 8

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 9
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which
 may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)
 <223> L-amino acid or D-amino acid

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or
 Glu which may be derived at the N-terminal, Xaa is Arg or Glu,
 and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

<220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

<220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by
 disulfid bond.

<220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)

<223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or Glu.

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

<220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is Glu, Arg or Lys.

<220>
 <221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Arg, Glu, Lys or citrulline which may be derived at the C-terminal.

<400> 9

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 10
 <211> 14
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, or is deleted.

<220>
 <221> MISC_FEATURE
 <222> (1)..(14)

<223> L-amino acid or D-amino acid

 <220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> When Xaa of (1) is Arg, Lys, ornithine, citrulline, Ala or Glu which may be derived at the N-terminal, Xaa is Arg or Glu, and when Xaa of (1) is deleted, Xaa is Arg or Glu which may be

 <220>
 <221> MISC_FEATURE
 <222> (3)..(3)
 <223> Xaa is an aromatic amino acid residue.

 <220>
 <221> MISC_FEATURE
 <222> (4)..(13)
 <223> Cys at 4-position and Cys at 13-position may be linked by disulfid bond.

 <220>
 <221> MISC_FEATURE
 <222> (6)..(6)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (8)..(8)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline, Arg or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Pro, Gly, ornithine, Lys, Ala, citrulline or Arg.

 <220>
 <221> MISC_FEATURE
 <222> (10)..(10)
 <223> Xaa is Tyr, Phe, Ala, naphthyl Ala, citrulline or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is Arg, Lys, ornithine, citrulline, Ala or Glu.

 <220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is citrulline, Glu, Arg or Lys.

 <220>

<221> MISC_FEATURE
 <222> (14)..(14)
 <223> Xaa is Glu, Lys or citrulline which may be derived at the C-terminal.

<400> 10

Xaa Xaa Xaa Cys Tyr Xaa Xaa Xaa Xaa Xaa Xaa Xaa Cys Xaa
 1 5 10

<210> 11
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Dlys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is OH

<400> 11

Xaa Arg Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
 1 5 10 15

<210> 12
 <211> 16

<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 12

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 13
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>

<221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DCit

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is OH

<400> 13

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 14
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Dlys

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is OH

<400> 14

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Xaa	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 15
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Dlys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 15

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 16

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is Ac

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DCit

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 16

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 17

<211> 16

<212> PRT

<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 17

Xaa Arg Arg Xaa Cys Tyr Arg Lys Xaa Pro Tyr Xaa Xaa Cys Arg Xaa
1 5 10 15

<210> 18
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (2)..(2)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DCit

<220>

<221> MISC_FEATURE

<222> (12)..(12)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 18

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Xaa	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 19

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is Ac

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 19

Xaa Arg Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 20
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is Dlys

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 20

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Xaa	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 21
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is Dlys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 21

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 22
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DCit

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 22

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 23
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DCit

<220>
 <221> MISC_FEATURE
 <222> (12)..(12)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 23

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Xaa	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 24
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE

<222> (12)..(12)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 24

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Xaa	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 25

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 25

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 26
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DLys

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 26

Xaa	Arg	Glu	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 27
<211> 16
<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 27

Xaa Arg Arg Xaa Cys Tyr Glu Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa

1

5

10

15

<210> 28

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)
<223> Xaa is DLys

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 28

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Glu	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 29
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DLys

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<400> 29

Xaa Arg Arg Xaa Cys Tyr Arg Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 30

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 30

Xaa Arg Arg Xaa Cys Tyr Arg Lys Xaa Pro Tyr Glu Xaa Cys Arg Xaa
1 5 10 15

<210> 31

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is OH

<400> 31

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Glu	Xaa
1				5					10					15	

<210> 32

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 32

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 33
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is OH

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 33

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 34
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is H

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 34

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 35

<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is DGlU

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlU

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 35

Xaa Xaa Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 36
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is H

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (11)..(11)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 36

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Xaa	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 37
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is H

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 37

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 38

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is Ac

<220>

<221> MISC_FEATURE

<222> (2)..(2)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 38

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 39
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (11)..(11)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 39

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Xaa	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 40
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is Ac

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 40

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 41

<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is Ac

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGLU

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 41

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 42
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is guanyl

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlU

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 42

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10				15		

<210> 43
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is TMguanyl

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 43

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 44

<211> 15

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is TMguanylyl

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (8)..(8)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (12)..(12)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (15)..(15)

<223> Xaa is NH2

<400> 44

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 45
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is 4F-benzoyl

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 45

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 46
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is 2F-benzoyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 46

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 47
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is APA

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE

<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGLu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 47

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1			5						10				15	

<210> 48
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is desamino-R

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGLu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 48

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 49
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is guanyl

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGLu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 49

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 50
<211> 15

<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is succinyl

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 50

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 51
<211> 15
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is glutaryl

<220>

<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGLu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 51

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 52
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is deaminoTMG

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is APA

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 52

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 53
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is nelfinaviryl

<220>
 <221> MISC_FEATURE
 <222> (2)..(2)
 <223> Xaa is succinyl

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE

<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 53

Xaa	Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 54
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is AZT

<220>
<221> MISC_FEATURE
<222> (2)..(2)
<223> Xaa is glutaryl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 54

Xaa Xaa Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 55

<211> 15

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is R-CH₂

<220>

<221> MISC_FEATURE

<222> (3)..(3)

<223> Xaa is NaI

<220>

<221> MISC_FEATURE

<222> (6)..(6)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (8)..(8)

<223> Xaa is DGlu

<220>

<221> MISC_FEATURE

<222> (12)..(12)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (15)..(15)

<223> Xaa is NH₂

<400> 55

Xaa Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 56

<211> 15

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is H

<220>
<221> MISC_FEATURE
<222> (3)..(3)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (6)..(6)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (8)..(8)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (12)..(12)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (15)..(15)
<223> Xaa is NH2

<400> 56

Xaa	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15

<210> 57
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is TMguanyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>

<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 57

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 58
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is ACA

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DCit

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 58

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 59
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is ACA

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DLys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is OH

<400> 59

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 60
 <211> 16
 <212> PRT
 <213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is H

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (7)..(7)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DLys

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 60

Xaa Arg Arg Xaa Cys Tyr Xaa Arg Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15

<210> 61

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is AC

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DLys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NH2

<400> 61

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Arg	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 62
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is AC

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DLys

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 62

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 63

<211> 16

<212> PRT

<213> Artificial

<220>

<223> Synthetic

<220>

<221> MISC_FEATURE

<222> (1)..(1)

<223> Xaa is AC

<220>

<221> MISC_FEATURE

<222> (4)..(4)

<223> Xaa is Nal

<220>

<221> MISC_FEATURE

<222> (9)..(9)

<223> Xaa is DCit

<220>

<221> MISC_FEATURE

<222> (13)..(13)

<223> Xaa is Cit

<220>

<221> MISC_FEATURE

<222> (16)..(16)

<223> Xaa is NH2

<400> 63

Xaa	Arg	Arg	Xaa	Cys	Tyr	Arg	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 64

<211> 16

<212> PRT

<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is 4F-benzoyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DLys

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NH2

<400> 64

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10				15		

<210> 65
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is 4F-benzoyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE
 <222> (13)..(13)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (16)..(16)
 <223> Xaa is NHMe

<400> 65

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 66
 <211> 16
 <212> PRT
 <213> Artificial

<220>
 <223> Synthetic

<220>
 <221> MISC_FEATURE
 <222> (1)..(1)
 <223> Xaa is 4F-benzoyl

<220>
 <221> MISC_FEATURE
 <222> (4)..(4)
 <223> Xaa is Nal

<220>
 <221> MISC_FEATURE
 <222> (7)..(7)
 <223> Xaa is Cit

<220>
 <221> MISC_FEATURE
 <222> (9)..(9)
 <223> Xaa is DGlu

<220>
 <221> MISC_FEATURE

<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NHet

<400> 66

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 67
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is 4F-benzoyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is NhiPr

<400> 67

Xaa	Arg	Arg	Xaa	Cys	Tyr	Xaa	Lys	Xaa	Pro	Tyr	Arg	Xaa	Cys	Arg	Xaa
1				5					10					15	

<210> 68
<211> 16
<212> PRT
<213> Artificial

<220>
<223> Synthetic

<220>
<221> MISC_FEATURE
<222> (1)..(1)
<223> Xaa is 4F-benzoyl

<220>
<221> MISC_FEATURE
<222> (4)..(4)
<223> Xaa is Nal

<220>
<221> MISC_FEATURE
<222> (7)..(7)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (9)..(9)
<223> Xaa is DGlu

<220>
<221> MISC_FEATURE
<222> (13)..(13)
<223> Xaa is Cit

<220>
<221> MISC_FEATURE
<222> (16)..(16)
<223> Xaa is tyramine

<400> 68

Xaa Arg Arg Xaa Cys Tyr Xaa Lys Xaa Pro Tyr Arg Xaa Cys Arg Xaa
1 5 10 15